



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Colorado Serum Company
USDA Vet Biologics Establishment Number	188
Product Code	8305.00
True Name	Clostridium Perfringens Type D-Tetanus Toxoid
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	
Date of Compilation Summary	November 16, 2021

Disclaimer: Do not use the following studies to compare one product to another. Slight differences in study design and execution can render the comparisons meaningless.

Study Type	Efficacy
Pertaining to	<i>Clostridium Perfringens</i> Type D
Study Purpose	Efficacy against <i>Clostridium perfringens</i> Type D
Product Administration	
Study Animals	Cattle, sheep, and goats
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only required publication of data submitted after that date.
USDA Approval Date	October 1, 1984

Study Type	Efficacy
Pertaining to	<i>Clostridium tetani</i>
Study Purpose	Efficacy against <i>Clostridium tetani</i>
Product Administration	
Study Animals	Cattle, sheep, and goats
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only required publication of data submitted after that date.
USDA Approval Date	October 1, 1984

Study Type	Safety
Pertaining to	All fractions
Study Purpose	To demonstrate safety under typical field conditions
Product Administration	
Study Animals	
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only required publication of data submitted after that date.
USDA Approval Date	October 1, 1984